

M68HC08 Microcontrollers

Manufacturers	NXP Semiconductor
Package/Case	QFP64
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MC68HC908AZ60ACFU or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC68HC908AZ60ACFU is a microcontroller unit (MCU) from the HC08 family, which is a type of microcontroller developed by NXP (formerly Motorola) for embedded systems. Here's some information about the MC68HC908AZ60ACFU:

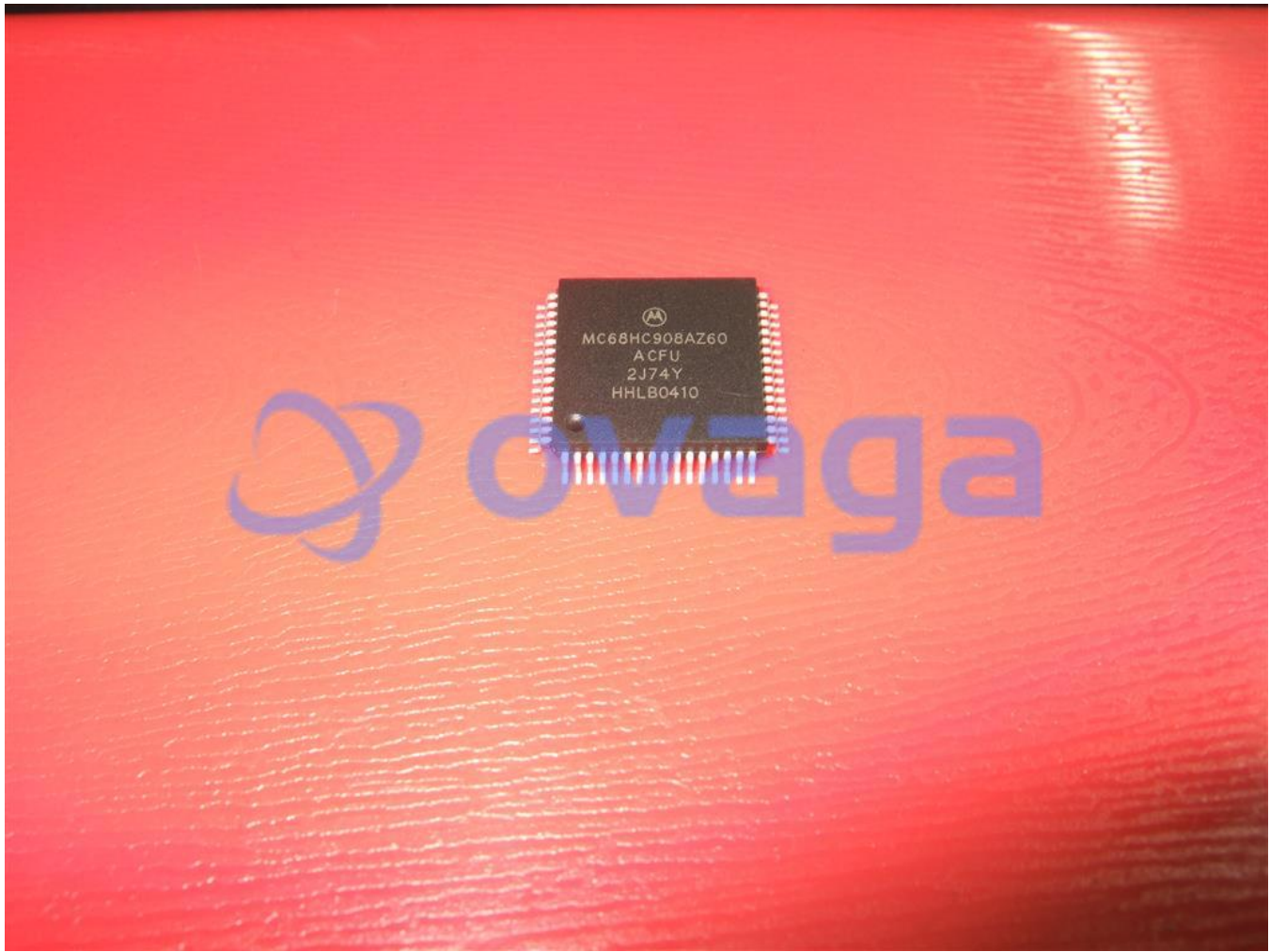
Features

- 8-bit microcontroller with a 60 MHz CPU frequency.
- 60 kilobytes of flash memory for program storage.
- 4 kilobytes of random access memory (RAM) for data storage.
- Multiple I/O pins for interfacing with external devices.
- Integrated analog-to-digital converter (ADC) for analog signal processing.
- UART, SPI, and I2C communication interfaces for serial communication.
- Timers and interrupts for precise timing and event-driven programming.
- Low-power consumption features for efficient operation in battery-powered applications.

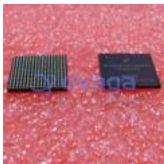
Application

- Automotive systems, such as engine management, body control modules, and instrument clusters.
- Industrial control systems, including factory automation, process control, and monitoring.
- Home appliances, such as smart thermostats, smart meters, and consumer electronics.
- Medical devices, such as patient monitoring systems, insulin pumps, and portable medical instruments.
- Security systems, including access control, alarm systems, and surveillance systems.





Related Products



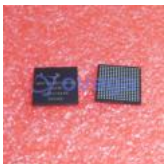
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44